

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-204579

(43)Date of publication of application : 06.09.1991

(51)Int.Cl.

F25D 11/00
G10K 11/16

(21)Application number : 01-344333

(71)Applicant : TOSHIBA CORP

(22)Date of filing : 28.12.1989

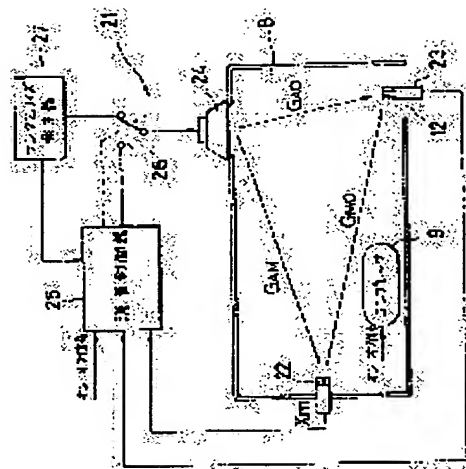
(72)Inventor : SARUTA SUSUMU
TAMURA HIROSHI

(54) REFRIGERATOR

(57)Abstract:

PURPOSE: To obtain a refrigerator capable of being operated in a low noise condition at all times by a method wherein the refrigerator is provided with a first control means, driving a controlling sound generator by a signal, obtained from the output of a first acoustic sensor detecting noise in a machine room by processing it through a filter having a characteristic in accordance with acoustic transfer characteristic in the machine room, and a second control means, correcting the characteristic of the filter in the first control means.

CONSTITUTION: When a compressor 9 is under operating condition, sound for canceling noise in an opening 12 is outputted from a speaker 24 by the effect of a first control system in a sound attenuation controller 25. When the compressor 9 is under stopped condition, acoustic transfer functions GAM, GAO are measured by the effect of a second control system in the sound attenuation controller 25 and the value of G at that time point is operated by employing the acoustic transfer functions and another acoustic transfer function GMO, measured upon operating the compressor 9, while the characteristic of a filter in the first control system is corrected by the result of the operation so as to obtain a characteristic, in which the maximum sound attenuating effect is obtained at that time point.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's